

AIRTEC MOTORSPORT Fitting Instructions

Vehicle:	Toyota Corolla
Product:	Induction Kit
Part number:	ATIKCGR01



Kit Contents:

1x AIRTEC Motorsport Group A Air Filter	3x M6x12mm Flange Head Bolts
1x AIRTEC Motorsport Filter Trumpet	2x M8x10mm Flange Head Bolts
1x AIRTEC Motorsport Intake Pipe	1x M5x20mm Socket Head Bolt
1x AIRTEC Motorsport Induction Sheild (four pieces)	2x M4x8mm Button Head Bolts
1x Pro Hoses 4mm Silicone Vacuum Blank	2x 90mm Jubilee Clips
1x Pro Hoses Silicone Connector	2x Rubber Trim Pieces
3x CNC Push Fit Mounts (three different sizes)	1x Rubber Riv Nut
14x Plastic Push Fittings	1x Aluminium Spacer

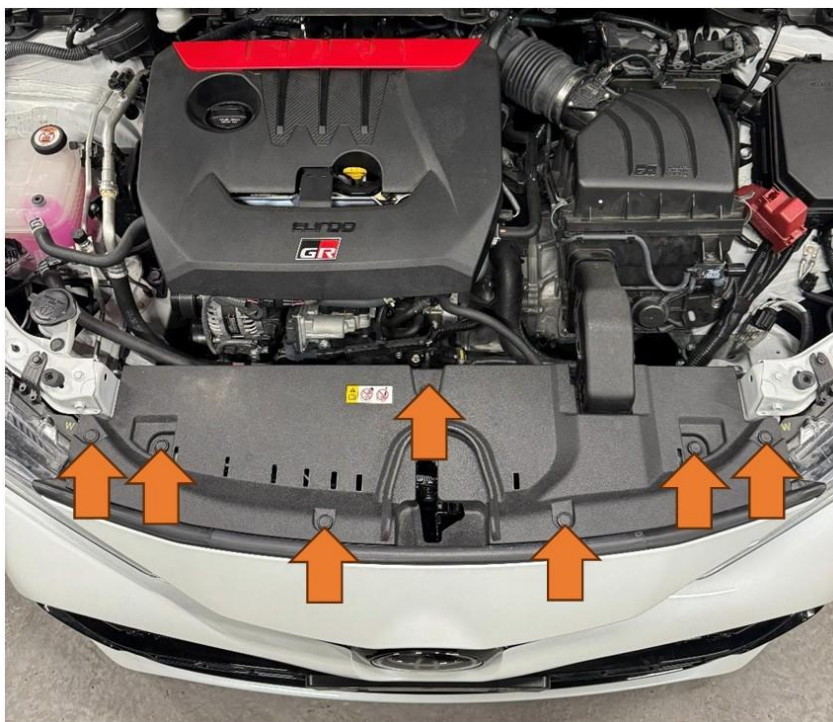
Tools Required:

Ratchet and Socket Set	Trim Removal Tool
Jubilee Flex-Driver or Flat-Blade Screwdriver	Allen Key Set

PLEASE THOROUGHLY READ THESE INSTRUCTIONS AND MAKE SURE YOU ARE FAMILIAR WITH THE STEPS BEFORE CARRYING THEM OUT

Instructions:

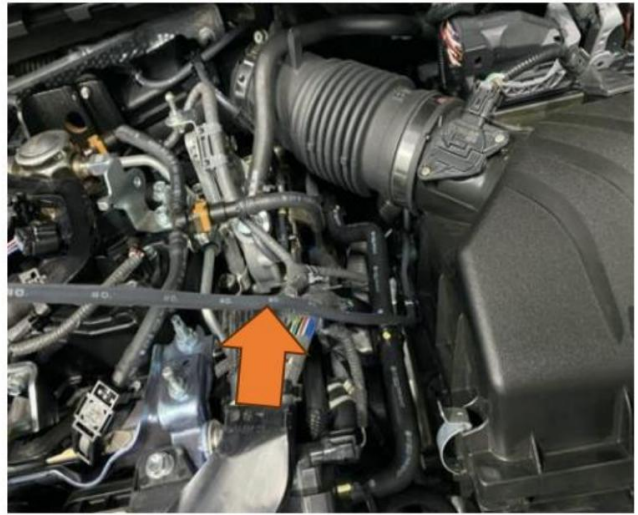
1. Start by removing the seven push fittings using a trim removal tool or similar and place the panel aside.



2. Next remove the engine cover by lifting it up from the front corner to release it from its rubber mounts.



3. Locate the solenoid on the bottom of the air box (blue arrow) and unplug the connector. Then unclip the vacuum line (orange arrows) from the front of the air box to the left and continue to unclip it back to the T-piece connection located at the back of the engine. Then disconnect the line.



4. Using a trim removal tool, release the two trim clips that secure the air guide to the slam panel and then carefully remove the guide and put it aside.



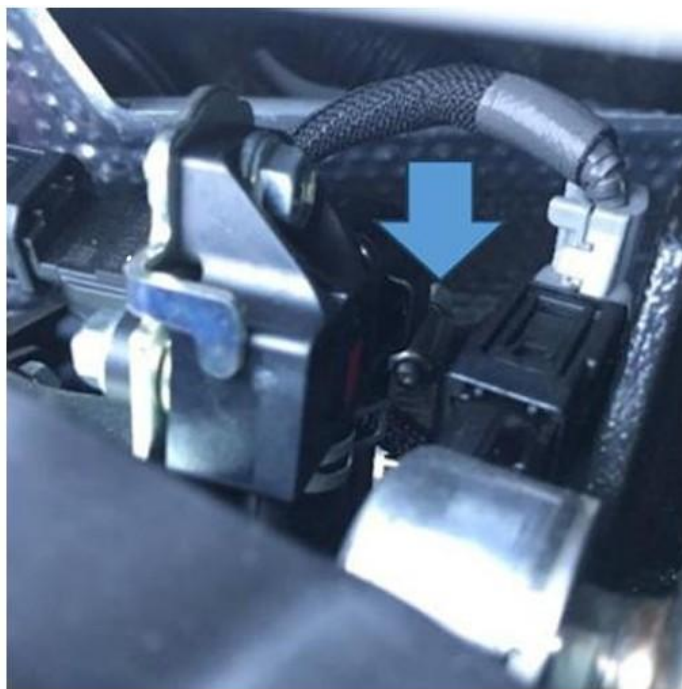
5. Unplug the MAF sensor and unclip the wiring harness from the top of the air box.



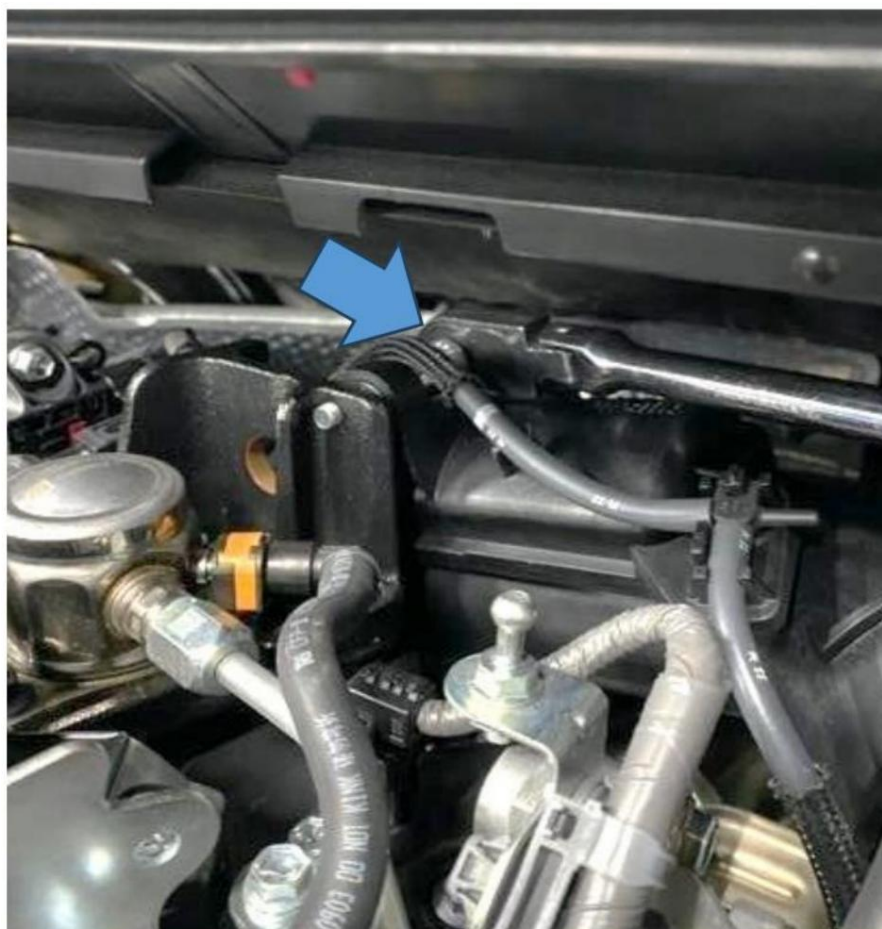
6. Loosen the jubilee hose clip that secures the back of the intake pipe. Now firmly but carefully pull the air box up and to the left so that you can access the wiring loom for the solenoid. Use a trim removal tool to gently unclip the wiring loom and then fully remove the air box from the car. Tuck the solenoid wiring up on the right-hand side and secure using a cable tie or similar.



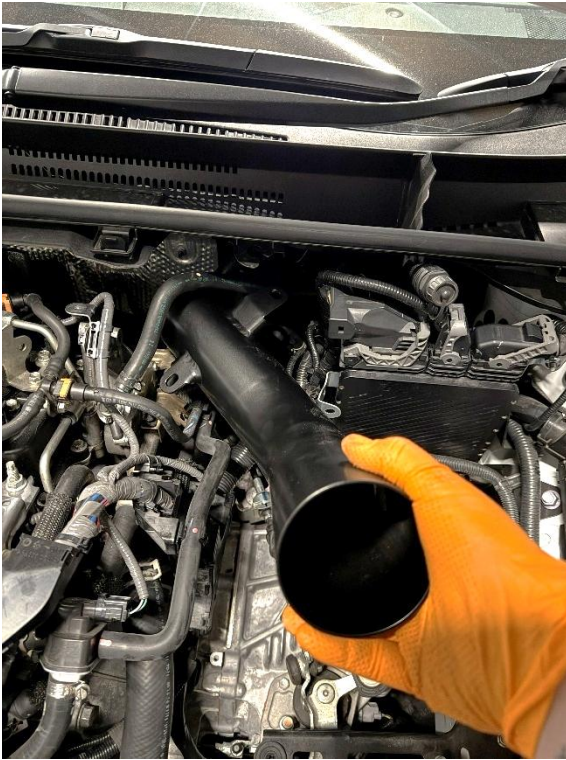
7. Follow the rear intake pipe around the back of the engine until you locate the jubilee clip securing it and then loosen it.



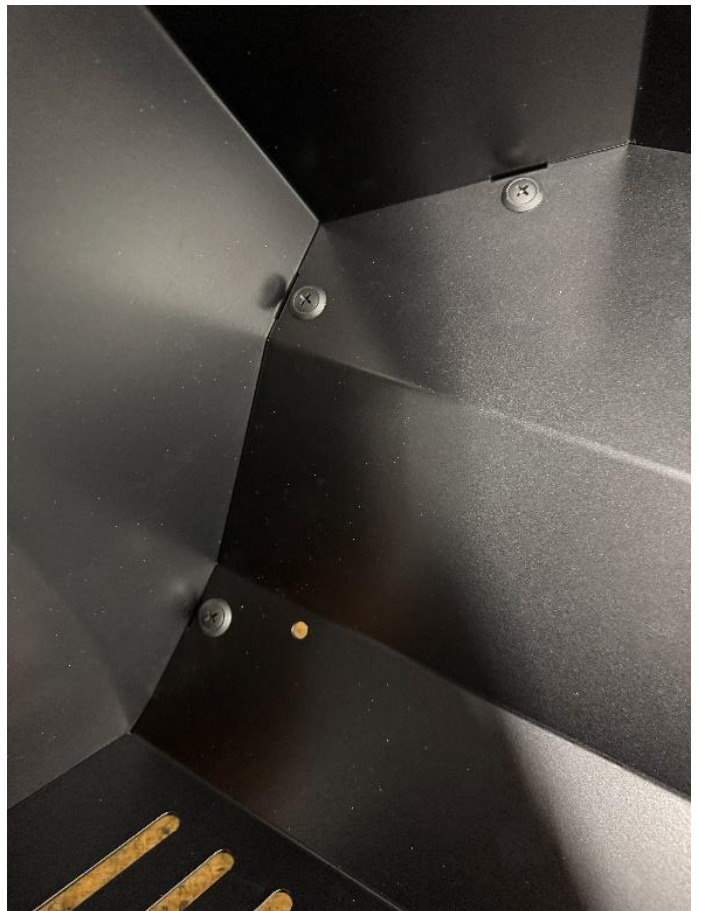
8. Undo the two 12mm bolts holding the inlet pipe in place. One bolt is easy to see at the top but the other is located out of sight underneath, so you need to locate it by hand. Then remove the wiring clipped to it using a trim removal tool and remove the pipe from the car.



9. Install the new AIRTEC Motorsport inlet pipe by rotating it into position and secure in place with the jubilee clip and two M8 flange bolts supplied in the kit, which both mount in the same location as the originals.



10. Assemble the induction shield by securing the base to the left-hand side as shown, using the plastic push fittings provided in the kit.



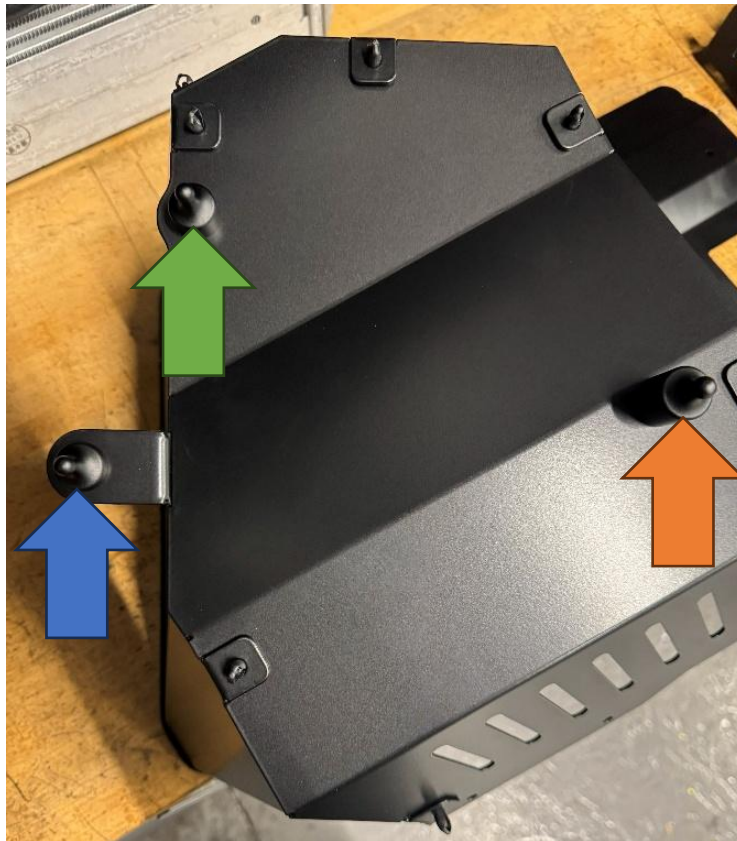
11. Now attach the remaining side using the plastic push fittings provided.



12. Install the two pieces of rubber trim supplied in the kit to the shield as shown.



13. Flip the shield assembly over and attach the CNC push fit mounts. The smallest of the three supplied in the kit fits to the side bracket (blue arrow). The longest fits to the front of the shield (orange arrow) and the remaining mount fits to the back (green arrow). Secure them in place with the M6 flange bolts provided.



14. Now install the assembly using the CNC fittings to mount in the rubber inserts on the car.

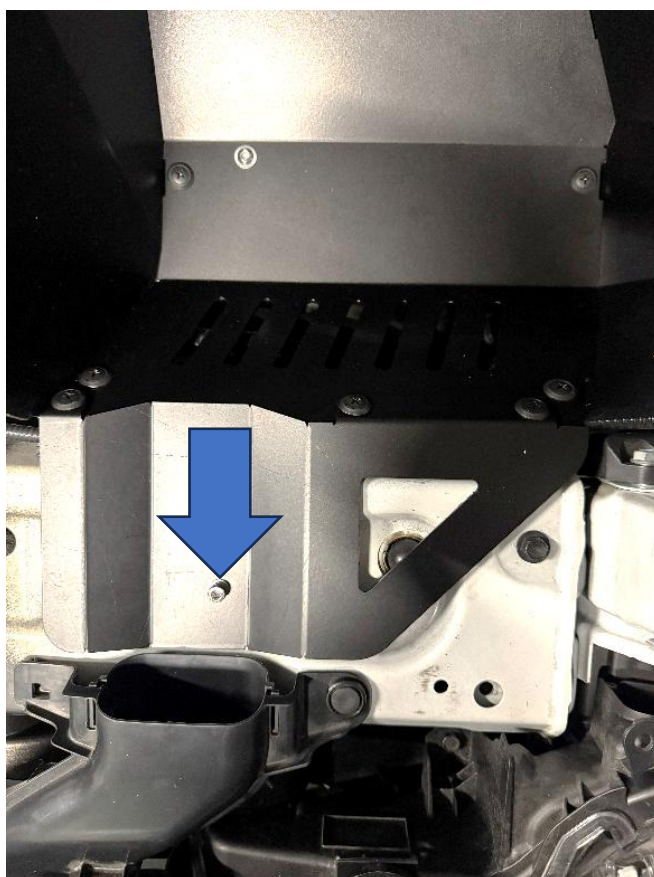


15. Take the remaining front section piece of induction shield and install the M5 Socket Head bolt together with the spacer and rubber rivet nut provided in the kit as shown.

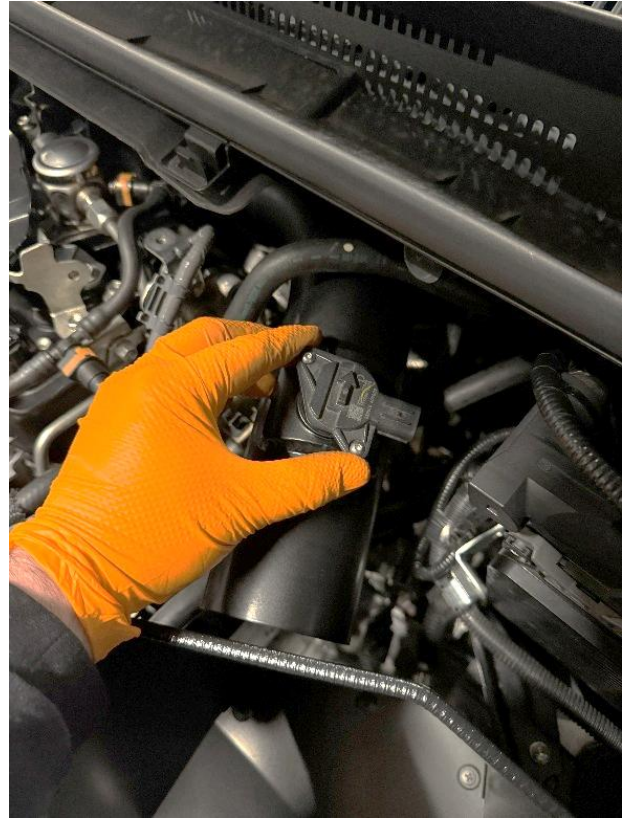
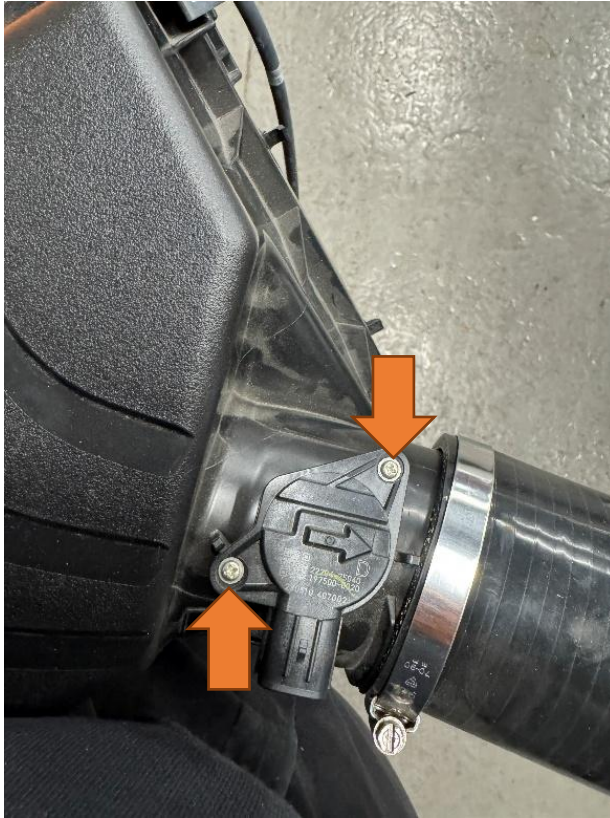
Please note: The bolt only requires two turns so that it does not start to compress the Riv Nut at this stage.



16. Install the front piece by lining up with the holes on the induction shield so that the rubber Riv Nut locates into the hole on the slam panel, as shown. Secure in place with the last remaining plastic push fittings and tighten the Allen Key bolt (blue arrow).



17. Remove the MAF sensor from the original air box and install into the AIRTEC Motorsport pipe using the supplied M4 Allen Key bolts.



18. Install the silicone hose along with jubilee clips supplied, followed by the aluminium trumpet and air filter. Rotate into position and secure by tightening the jubilee clips.



19. Install the supplied silicone bung for the disconnected side of the vacuum line removed in Step 3. The vacuum line can then be tucked back and secured with a cable tie.



20. Finally, reinstall the engine cover and front plastic panel.

